Title (en)
MOBILE TERMINAL, LOCATION MANAGEMENT DEVICE, AND CORRESPONDING COMMUNICATION CONTROL METHODS

Title (de)
MOBILE TERMINAL, STANDORT-MANAGEMENT-VORRICHTUNG UND ZUGEHÖRIGE KOMMUNIKATIONSKONTROLLMETHODEN

Title (fr)
TERMINAL MOBILE, DISPOSITIF DE GESTION DE LOCALISATION ET PROCÉDÉS DE COMMANDE DE COMMUNICATION CORRESPONDANTS

Publication
EP 2169885 B1 20190904 (EN)

Application
EP 08791021 A 20080710

Priority
• JP 2008062447 W 20080710
• JP 2007183666 A 20070712

Abstract (en)
[origin: EP2169885A1] When a mobile station 1 transmits a packet to a mobile station 2, the mobile station 1 selects an MAG 1 based on a primer flag of the MAG in a default router list, and transmits the packet to the MAG. 1 as a default router. The MAG 1 receives the packet and resolves an LMA by finding that a destination of the packet is not a mobile station associated with the MAG 1 from a location information management table. Then the MAG 1 transfers the packet to the LMA. A transfer unit sets a transfer source as the MAG1 and a transfer destination as the LMA, and transfers the packet by a transfer technique using encapsulation, a transfer technique such as GRE tunneling, or MPLS. The LMA searches the location information management table based on the mobile station 2 as the destination of the packet, acquires an MAG 3 whose primer flag is ON, and then transfers the packet to the MAG 3. This allows each of the mobile stations to establish multiple communication paths via multiple communication networks, and to select an optimal path to deliver a packet in a mobile communication system complying with the Edge Mobility and provided with mobile stations, access gateways, and a location management device.

IPC 8 full level
H04W 8/06 (2009.01); **H04W 36/14** (2009.01); **H04W 48/16** (2009.01); **H04W 48/18** (2009.01); **H04W 60/00** (2009.01); **H04W 60/04** (2009.01); **H04W 76/02** (2009.01); **H04W 80/04** (2009.01); **H04W 84/12** (2009.01); **H04W 88/06** (2009.01)

CPC (source: EP US)
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DOCDB simple family (publication)
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